

DEC 3 1973

DATE: 3 December 1973

To : Joshua Lederberg

FROM : Jack Barchas

SUBJECT: GC/HRMS

Our thanks to you and Alan Duffield for inquiring of our interest in the proposed GC/HRMS. We would find it quite useful, as we are currently applying for funding for a quadrupole mass spectrometer for mass fragmentography studies. With such a unit, there would be many times when the capability of the HRMS instrumentation would be valuable in structural elucidation. We would expect very heavy utilization of our instrument if we were to obtain the funding, and, therefore, would expect to make considerable use of the proposed GC/HRMS, which is an essential ancillary tool.

The GC aspects of the instrument would be valuable, since we would expect to be studying a number of unknowns and the GC separation would be an integral part of that process.

Our work is supported by NIMH, ONR, NASA, and the Alcohol Abuse division of HEW.



JDB/rs